CERCLA OFFSITE DISPOSAL REPORT SUPERIOR CLEANING SOLUTIONS SITE EMERGENCY AND RAPID RESPONSE SERVICES REGION 5

Prepared for:

U.S. Environmental Protection Agency Region 5 77 W. Jackson Boulevard Chicago, IL 60604

> EPA Contract No. EP-S5-08-02 Task Order No. 0098

> > Prepared by:

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1.0 INTRODUCTION AND OVERVIEW

This report was prepared by Environmental Quality Management, Inc. (EQ), in accordance with Section F.2.2.C of EQ's Emergency and Rapid Response Services Contract No. EP-S5-08-02. The report summarizes all off-site disposal activities for the following task order site:

Superfund Site Name:

Superior Cleaning Solutions Site

State:

Dayton, OH

CERCLIS Number:

OHR000166249

Section 2.0 is a compilation of site specific CERCLA Off-Site Disposal Reports for each waste stream that was identified, characterized, and disposed of at off-site treatment, storage, or disposal facilities.

2.0 CERCLA OFF-SITE DISPOSAL REPORTS

This section contains site specific CERCLA Off-Site Disposal Reports for each waste stream that was identified, characterized, and disposed of at off-site treatment, storage, or disposal facilities. A total of eight (8) waste streams were identified as follows for the Superior Cleaning Solutions site:

	Waste Stream No.	Type/Form
1.	Non Hazardous Debris	Non-Hazardous or De-listed Waste/Solid or Solidified Waste
2.	Paint Cans	Other RCRA-listed Hazardous Wastes (flammable)/Liquid Waste & Solid or Solidified Waste
3.	Fluorescent Bulbs	Non-Hazardous or De-listed Waste/Solid or Solidified Waste
4.	Oxalic Acid	Acids Caustics/Liquid Waste
5.	Neutral Liquid	Heavy Metals (lead)/Liquid Waste
6.	Flammable Liquid	Other RCRA-listed Hazardous Wastes (characteristically flammable)/Liquid Waste
7.	Acid Liquid	Acids Caustics/Liquid Waste
8.	Caustic Liquid	Acids Caustics/Liquid Waste

EQ contractor offsite disposal report

Wa	aste Stream Name: Non Hazardous Debris
1.	Superfund Site Name: <u>USEPA/Superior Cleaning Solutions</u>
	CERCLIS: OHR000166249 State: Ohio
2.	Type of Action: **Removal: □ Fund Financed □ PRP Financed Remedial: □ Fund Financed □ PRP Fina
3.	Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type: Type: Form: Solvents Wastewater Dioxins/Furans Liquid Waste Cyanides Organic sludge (> 1% Total Solids) Heavy Metals (specify) Inorganic Sludge (< 1% Total Organic Carbon Solid or Solidified Waste Acids/Caustics Contaminated Soil & Debris PCBs Halogenated Organics Other RCRA-listed Hazardous Wastes (specify) Non-Hazardous or De-listed Waste
4.	Quantity of Waste: Gallons Drums Lab Packs House Drums Lab Packs Lbs
5.	Range, average, and/or representative concentration of contaminants of concern: Non hazardous debris/garbage from building cleanout and RCRA empty drums
6.	Pre-treatment of waste before transportation: Precipitation Solidification Stabilization Neutralization Other
7.	Receiving RCRA facility: Name: Waste Management - Stoney Hollow Landfill Address: Dayton, Ohio ID No: N/A Units:

8.	Receiving Region: <u>V</u>
9.	Receiving Region Offsite Contact (RROC): Name: William Damico Date: 4/11
10	Date of Shipment: 1/1912, 1/31/12, 2/3/12 Date of Disposal: 1/1912, 1/31/12, 2/3/12
11	Pre-treatment at site before final treatment or disposal: Precipitation Solidification Stabilization Neutralization Station Other
12	Final method of treatment or disposal/unit receiving:
	☐ Precipitation ☐ Incineration ☐ Land Treatment ☐ Recovery/Re-Use ☐ Neutralization ☐ Landfill ☐ Injection ☐ Other
13	. If waste was landfilled:
	What disposal cell number or location: Cell 4 Type of liner in cell (e.g., PVC, clay, hypalon): Double compacted clay with HDPE liner and leachate collection
14	Cost of activities: Cost based on treatment/disposal only: \$1,611.14 Cost for transportation: Included in cost of disposal
Co	omments:

Waste Stream Name: Paint Cans

1.	Superfund Site Name: <u>USEPA/Superior Cleaning Solutions</u>
	CERCLIS: OHR000166249 State: Ohio
2.	Type of Action: **Removal:*
3.	Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type: Type: Form: Solvents Wastewater Dioxins/Furans Liquid Waste Cyanides Organic sludge (> 1% Total Solids) Heavy Metals (specify) Inorganic Sludge (< 1% Total Organic Carbo Solid or Solidified Waste Acids/Caustics Solid or Solidified Waste Acids/Caustics Contaminated Soil & Debris PCBs Halogenated Organics Other RCRA-listed Hazardous Wastes (specify) Flammable Non-Hazardous or De-listed Waste
4.	Quantity of Waste: Gallons Drums Lab Packs Tons Lbs
5.	Range, average, and/or representative concentration of contaminants of concern: 5 gallon and less paint cans packaged into a cubic yard box
6.	Pre-treatment of waste before transportation: Precipitation Solidification Stabilization Neutralization Other Other
7.	Receiving RCRA facility: Name: EQ Detroit Address: Detroit, MI ID No: MID980991566 Units:

8.	Receiving Region: <u>V</u>	
9.	Receiving Region Offsite Contact (RROC): Name: William Damico Date: 5/11/11	
10.	Date of Shipment: 2/28/12 Date of Disposal: 2/28/12	
11.	Pre-treatment at site before final treatment or disposal: Precipitation Solidification Stabilization Neutralization Fixation Other	⊠None
12.	Final method of treatment or disposal/unit receiving:	
	☐ Precipitation ☐ Incineration ☐ Land Treatment ☐ Neutralization ☐ Landfill ☐ Injection	Recovery/Re-Use Other
13.	If waste was landfilled: What disposal cell number or location: N/A Type of liner in cell (e.g., PVC, clay, hypalon): N/A	
14.	Cost of activities: Cost based on treatment/disposal only: \$625.00 Cost for transportation: \$50.00	
Co	mments:	

Waste Stream Name: Flourescent Bulbs

1.	Superfund Site Name: <u>USEPA/Superior Cleaning Solutions</u>
	CERCLIS: OHR000166249 State: Ohio
2.	Type of Action: **Removal: □ Fund Financed □ PRP Financed **Remedial: □ Fund Financed □ PRP F
3.	Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type: Type: Form:
	Solvents Dioxins/Furans Cyanides Heavy Metals (specify) Acids/Caustics PCBs Halogenated Organics Other RCRA-listed Hazardous Wastes Non-Hazardous or De-listed Waste
4.	Quantity of Waste: Cubic Yards Gallons Drums Lab Packs Tons Lbs
5.	Range, average, and/or representative concentration of contaminants of concern: <u>Bulbs for recycling</u>
6.	Pre-treatment of waste before transportation: Precipitation Solidification Stabilization Neutralization Stabilization Other
7.	Receiving RCRA facility: Name: Waste Management - Stoney Hollow Landfill Address: Dayton, Ohio ID No: N/A Units:

8.	Receiving Region: <u>V</u>		
9.	Receiving Region Offsite Contact (RROC): Name: William Damico Date: 4/11		
10.	Date of Shipment: 1/17/12 Date of Disposal: 1/17/12		
11.	Pre-treatment at site before final treatment or di Precipitation Solidification Neutralization Fixation	sposal: Stabilization Other	⊠None
12.	Final method of treatment or disposal/unit recei	ving:	
	☐ Precipitation ☐ Incineration ☐ Neutralization ☐ Landfill	☐ Land Treatment ☐ Injection	Recovery/Re-Use Other
13.	If waste was landfilled: What disposal cell number or location: Type of liner in cell (e.g., PVC, clay, hypalo		
14.	Cost of activities: Cost based on treatment/disposal only: Sost for transportation: Included in cost of	219.90 of disposal	
Co	mments:		

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Waste Stream Name: Oxalic Acid

1.	Superfund Site Name: <u>USEPA/Superior Cleaning Solutions</u>
	CERCLIS: OHR000166249 State: Ohio
2.	Type of Action: **Removal:* □ Fund Financed □ PRP Financed **Remedial:* □ Fund Financed □ PRP
3.	Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type: Type: Form:
	Solvents
4.	Quantity of Waste: Gallons Ballons Lab Packs Tons Lbs
5.	Range, average, and/or representative concentration of contaminants of concern: pH less than 2 standard units
6.	Pre-treatment of waste before transportation: Precipitation Solidification Stabilization Neutralization Stabilization Other
7.	Receiving RCRA facility: Name: <u>EQ Detroit</u> Address: <u>Detroit, MI</u> ID No: <u>MID980991566</u> Units:

8. F	teceiving Region: <u>V</u>		
9. I	Receiving Region Offsite Contact (RROC): Name: William Damico Date: 5/11/11		
10.	Date of Shipment: 2/28/12 Date of Disposal: 2/28/12		
11. F	re-treatment at site before final treatment or disp Precipitation Solidification Neutralization Fixation	oosal: Stabilization Other	None
12. I	inal method of treatment or disposal/unit receiving	ing:	
	☐ Precipitation ☐ Incineration ☐ Neutralization ☐ Landfill	☐ Land Treatment☐ Injection	Recovery/Re-Use Other
13. I	f waste was landfilled: What disposal cell number or location: N/A Type of liner in cell (e.g., PVC, clay, hypalon)	•	
14. (Cost of activities: Cost based on treatment/disposal only: \$\frac{\$2}{}\$ Cost for transportation: \$\frac{\$100.00}{}\$	200.00	
Com	ments: <u>The EQ Company took ownership of the material of the </u>	ial after neutralization and bu	alking with other wastes and shippe

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Waste Stream Name: Neutral Liquid

1.	Superfund Site Name: <u>USEPA/Superior Cleaning Solution</u>	<u>ons</u>
	CERCLIS: <u>OHR000166249</u>	State: Ohio
2.	Type of Action: **Removal:	Remedial: Fund Financed PRP Financed
3.	Type and Form of waste; if more than one type, attach sep	parate sheet for this and remaining questions
	for each type: Type: Solvents Dioxins/Furans Cyanides Heavy Metals (specify) lead Acids/Caustics PCBs Halogenated Organics Other RCRA-listed Hazardous Wastes (specify) Non-Hazardous or De-listed Waste	Form: ☐ Wastewater ☐ Liquid Waste ☐ Organic sludge (> 1% Total Solids) ☐ Inorganic Sludge (< 1% Total Organic Carbon) ☐ Solid or Solidified Waste ☐ Contaminated Soil & Debris
4.	Quantity of Waste: Cubic Yards Gallons Lab Packs Tons	<u>5</u> Drums Lbs
5.	Range, average, and/or representative concentration of co Neutral liquid contaminated with lead at characteristic lev	
6.		bilization None
7.	Receiving RCRA facility: Name: <u>EQ Detroit</u> Address: <u>Detroit, MI</u> ID No: <u>MID980991566</u> Units:	

8. Receiving Region: <u>V</u>		
9. Receiving Region Offsite Contact (RROC Name: William Damico Date: 5/11/11	C):	
10. Date of Shipment: 2/28/12 Date of Disposal: 2/28/12		
11. Pre-treatment at site before final treatmen Precipitation Solidifica Neutralization Fixation		⊠None
12. Final method of treatment or disposal/uni Precipitation Incinerati Neutralization Landfill		☐ Recovery/Re-Use ☐ Other <u>Fuels Blend</u>
13. If waste was landfilled: What disposal cell number or location Type of liner in cell (e.g., PVC, clay, h		
14. Cost of activities: Cost based on treatment/disposal only: Cost for transportation: \$550.00	<u>\$ 4,540.00</u>	,
Comments: The EQ Company took ownership of the Fuels Blending.	e material after bulking with othe	er wastes and shipped it offsite for non

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Wa	aste Stream Name: Flammable Liquid
1.	Superfund Site Name: <u>USEPA/Superior Cleaning Solutions</u> CERCLIS: OHR000166249 State: Ohio
2.	Type of Action: **Removal: □ Fund Financed □ PRP Financed **Remedial: □ Fund Financed □ PRP Fi
3.	Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type: Type: Form: Solvents Wastewater Dioxins/Furans Liquid Waste Cyanides Organic sludge (> 1% Total Solids) Heavy Metals (specify) Inorganic Sludge (< 1% Total Organic Carbon Solid or Solidified Waste Acids/Caustics Contaminated Soil & Debris PCBs Halogenated Organics Other RCRA-listed Hazardous Wastes (specify) Characteristically Flammable Non-Hazardous or De-listed Waste
4.	Quantity of Waste: Gallons Drums Lab Packs Tons Lbs
5.	Range, average, and/or representative concentration of contaminants of concern: Misc. flammable liquid packaged in 275 gallon tote containers
6.	Pre-treatment of waste before transportation: Precipitation Solidification Stabilization Neutralization Other Other
7.	Receiving RCRA facility: Name: <u>EQ Detroit</u> Address: <u>Detroit, MI</u> ID No: <u>MID980991566</u> Units:

8. Receiving F	ion: <u>V</u>		er.	
9. Receiving F Name: Date:	gion Offsite Contact (RRC <u>Villiam Damico</u> 11/11	OC):		
Date of I	<u> </u>			
Preci	at site before final treatment Solidification Fixation	cation Stabilization	on None with like liquids	
12. Final metho	of treatment or disposal/u	nit receiving:		
☐ Preci ☐ Neut	ation	==		ry/Re-Use uels Blend
	andfilled: esal cell number or location er in cell (e.g., PVC, clay			
	ies: on treatment/disposal onlusportation: \$\frac{\$100.00}{}\$	ly: <u>\$ 540.00</u>	· .	
Comments: The EQ C Fuels Ble		the material after bulking	with other wastes and shi	ipped it offsite for non

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Waste Stream Name: Acid Liquid

1.	1. Superfund Site Name: <u>USEPA/Superior Cleaning Solutions</u>	
	CERCLIS: OHR000166249 State: Ohio	
2.	2. Type of Action: **Removal:	nanced
3.	3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:	
	Type: Solvents Dioxins/Furans Cyanides Heavy Metals (specify) Acids/Caustics PCBs Halogenated Organics Other RCRA-listed Hazardous Wastes (specify) Form: Wastewater Liquid Waste Dorganic sludge (> 1% Total Solids) Inorganic Sludge (< 1% Total Organic Contaminated Soil & Debris Contaminated Soil & Debris	arbon
	Non-Hazardous or De-listed Waste	
4.	4. Quantity of Waste: Gallons Drums Lab Packs Tons Lbs	
5.	5. Range, average, and/or representative concentration of contaminants of concern: Misc. acid (pH less than 2 standard units) liquid packaged in 275 gallon tote containers	
6.	6. Pre-treatment of waste before transportation: Precipitation Solidification Stabilization Neutralization Other Other	
7.	7. Receiving RCRA facility: Name: <u>EQ Detroit</u> Address: <u>Detroit, MI</u> ID No: <u>MID980991566</u> Units:	

8. Receiving Region: <u>V</u>		
9. Receiving Region Offsite Contact (RROC): Name: William Damico Date: 5/11/11		
10. Date of Shipment: 2/28/12 Date of Disposal: 2/28/12		
11. Pre-treatment at site before final treatment or disp Precipitation Solidification Neutralization Fixation	oosal: Stabilization Other	None
12. Final method of treatment or disposal/unit receiving	ng:	
☐ Precipitation ☐ Incineration ☐ Neutralization ☐ Landfill	Land Treatment Injection	Recovery/Re-Use Other
13. If waste was landfilled: What disposal cell number or location: Type of liner in cell (e.g., PVC, clay, hypalon)		•
14. Cost of activities: Cost based on treatment/disposal only: \$60 Cost for transportation: \$100.00	00.00	
Comments:		
The EQ Company took ownership of the materi	al after neutralization and bu	lking with other wastes and shipped
it offsite for non haz landfill.		

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EQ contractor offsite disposal report

Wa	aste Stream Name: <u>Caustic Liquid</u>	
1.	Superfund Site Name: <u>USEPA/Superior Cleaning Solution</u> CERCLIS: <u>OHR000166249</u>	<u>ns</u> State: <u>Ohio</u>
2.	Type of Action: **Removal: □ Fund Financed □ PRP Financed	Remedial: Fund Financed PRP Financed
3.	Type and Form of waste; if more than one type, attach sep for each type: Type: Solvents Dioxins/Furans Cyanides Heavy Metals (specify) Acids/Caustics PCBs Halogenated Organics Other RCRA-listed Hazardous Wastes (specify) Non-Hazardous or De-listed Waste	Form: Wastewater Liquid Waste Organic sludge (> 1% Total Solids) Inorganic Sludge (< 1% Total Organic Carbon Solid or Solidified Waste Contaminated Soil & Debris
4.	Quantity of Waste:Gallons2 (totes) Cubic YardsGallonsLab PacksTons	<u>2</u> Drums Lbs
5.	Range, average, and/or representative concentration of con Misc. caustic (pH greater than 12 standard units) liquid pa	
6.		oilization None er
7.	Receiving RCRA facility: Name: <u>EQ Detroit</u> Address: <u>Detroit, MI</u> ID No: <u>MID980991566</u> Units:	

8. Receiving Region: <u>V</u>	
9. Receiving Region Offsite Contact (RROC): Name: William Damico Date: 5/11/11	
10. Date of Shipment: 2/28/12 Date of Disposal: 2/28/12	
	ization None
12. Final method of treatment or disposal/unit receiving:	
☐ Precipitation ☐ Incineration ☐ Land ☐ Neutralization ☐ Landfill ☐ Inject	Treatment Recovery/Re-Use Other Other
13. If waste was landfilled: What disposal cell number or location: Type of liner in cell (e.g., PVC, clay, hypalon): N/A	
14. Cost of activities: Cost based on treatment/disposal only: \$\\$\\$610.00\$ Cost for transportation: \$\\$\\$400.00\$	
Comments:	
The EQ Company took ownership of the material after ne	utralization and bulking with other wastes and shipped
it offsite for non haz landfill.	

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